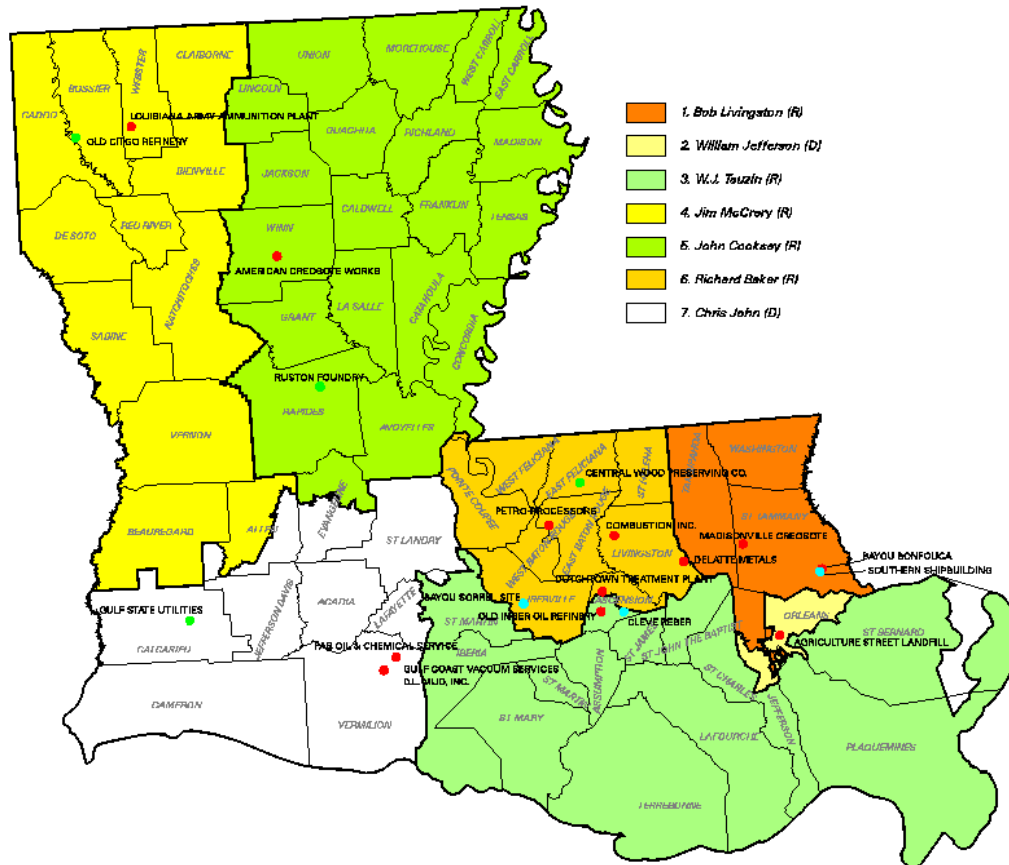


State of Louisiana

NPL/Superfund Sites by Congressional District



0 10 20 30 40 50 60
Miles



Environmental Protection Agency Region 6, EPA Region 6 Superfund/NPL Site Coverage, Dallas, TX.
Created by Computer Data Systems, Inc., Jan. 1983; Revised May 15, 1987.
Environmental Protection Agency CERCLA Section 2: List of Final, Proposed and Deleted NPL sites.
Dallas, TX; Jan. 15, 1987; Revised January 15, 1988.
Office of the Federal Register, Code of Federal Regulations 140, Washington D.C. July 1, 1988.
105th Congressional Districts reported by each Congressional Representative's Office, Feb. 1987.

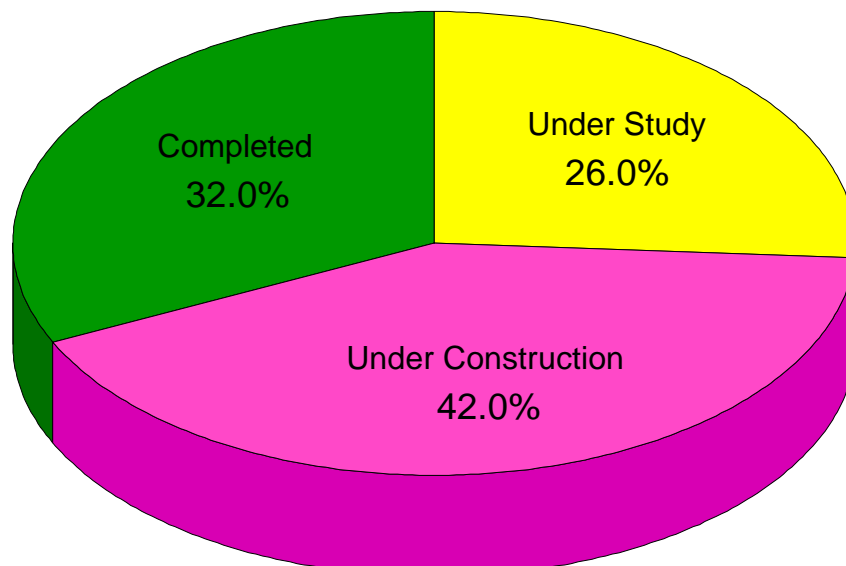
Created by EPA Region 6 GIS Support Team 2 February 1990

- Final NPL
- Proposed NPL
- Deleted NPL
- Partial Deleted NPL



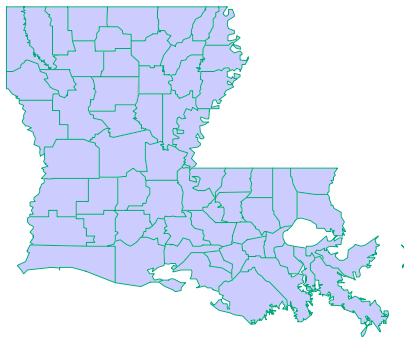
LOUISIANA PROJECTED CONSTRUCTION COMPLETIONS

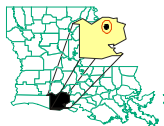
DECEMBER 1998



19 Sites

100%





GULF COAST VACUUM

Abbeville, Louisiana

U Location: 2.5 miles southwest of Abbeville and 1.5 miles west of Vermilion River - surrounded by agricultural and residential land

U Population and Hazards: 2,600 people obtain drinking water from private wells within three miles of the site. Former oil and gas exploration and other wastes were dumped illegally.



U Principal Pollutants: Benzene, carcinogenic PAHs, and metals.
 * Ground water contained arsenic, barium, chromium, lead, and mercury.
 * Soils contained arsenic and barium.

U Photo at left: Organic-contaminated sludge in a site pit prior to treatment.

U Waste Volumes:

- * 15,000 cubic yards sludge in 3 pits on site
- * 43,857 gallons sludge and liquid in 5 tanks
- * 19,500 cubic yards contaminated soil

U Health Considerations:

- * Contact and potential ground water threat.
- * Contamination of Vermilion River.

U Selected Remedy for Cleanup:

- * Biological treatment of organic sludges/soils and stabilization of inorganic soils.

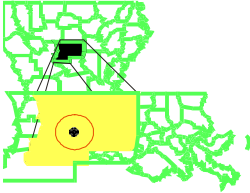
U Photo at left: Landfarm where sludge received biological treatment. Compare color change of material as compared to

U Photo at right: On-site pit where biological treatment residuals and stabilized metal-contaminated materials were placed. Pit will be capped.

U Benefits:

- * Eliminates direct contact threat to residents and local drinking water supplies.
- * Cleanup will return about 4 acres to unlimited use.





American Creosote Works, Inc.

Winnfield, Louisiana

Site covers about 34 acres in primarily residential area
An estimated 5,700 people live within a mile of the site



Photo shows the incinerator used to destroy contaminated soils.

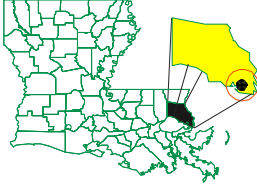
- U Principal Pollutants: Pentachlorophenol, Carcinogenic Hydrocarbons
- U Health Considerations: Direct contact with site contaminants. Potential for drinking water contamination
- U Cleanup Remedy: incineration of 56,544 tons of contaminated soils, biotreatment of 275,000 cubic yards of contaminated soils, also pump and treat liquid contaminants



Above photo shows the extraction trench. The water treatment plant (photo at right) has removed 140 barrels of creosote and has treated over 8 million gallons of contaminated ground water. The adjacent creek (Creosote Creek) no longer shows signs of creosote infiltration into the stream.

- U In-situ bioremediation: the remaining soils will be addressed when water and free creosote are removed via wells and a trench. The creosote is separated and the contaminated ground water is treated and re-injected to stimulate biological degradation.
- U Site cleanup can create an industrial area for the City of Winnfield.





MADISONVILLE CREOSOTE WORKS

MADISONVILLE, LA



U Site Location: 2.5 miles west of Madisonville, LA
State Highway 22

U Site Description:

- * 29 acre wood treater facility
- * Tracts within 1 mile zoned for suburban use

μ Entrance to site off State Highway 22

U 1996/1997 Removals:

- * 1,297 tons of creosote sludge, contaminated concrete, contaminated piping/metal, and contaminated wood chips
- * 8,114 gallons of creosote sludge, creosote liquid, and contaminated water
- * 14 cubic yards of material that contained asbestos

Clearing and grubbing of the thermal treatment area +



U Remedial action underway:

- * Clear site for installation of thermal treatment unit
- * Construct suitable roads on-site to proceed with cleanup in accordance with Record of Decision approved in August, 1988

μ Road Construction at the northeast corner of site